

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant Bernd Kuhn et al. Date of Mailing: December 23, 2005
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Title: OPTIMIZED DETERMINATION OF VOLTAGE CHANGES USING A
 VOLTAGE-SENSITIVE DYE

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By: _____

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PRELIMINARY AMENDMENT

Mail Stop: PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 23, 2005

CUSTOMER NO. 24728

Dear Sir:

Submitted herewith is a preliminary amendment for completion of entering into U.S. national stage of a PCT Patent Application Serial No. PCT/EP2004/006916, filed on June 25, 2004, entitled "Optimized Determination of Voltage Changes Using A Voltage-Sensitive Dye," by Bernd Kuhn, Winfried Denk, Gerd Hübener, and Peter Fromherz.

Prior to calculating the filing fees and examining the subject patent application on its merits, please amend the claims as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks begin on page 5 of this paper.